

RECEIVED  
CENTRAL FAX CENTER

APR 18 2005

FAX COVER SHEET

RE: OFFICIAL PAPER  
TO: Examiner Edith M. Chang  
U.S. Patent and Trademark Office  
GAU: 2637  
PHONE: 571-272-3041  
FAX: 703-872-9306

FROM: Eugene J. Rosenthal  
Reg. No. 36,658  
Lucent Technologies Inc.  
PHONE: (732) 949-1857  
FAX: (732) 949-0102

DATE: April 18, 2005  
Pages (incl. Cover): 23

Re: Amendment Response  
Case No.: Huang 17-8-15-15  
Ser. No.: 09/938453  
File Date: August 24, 2001  
Title: Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive System

Certification of Facsimile Transmission

I hereby certify that this correspondence (and any paper referred to as being transmitted therewith) is being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on the date indicated below:

April 18, 2005  
Date

  
SHARON LOBOSCO

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

RECEIVED  
CENTRAL FAX CENTER

APR 18 2005

PATENT APPLICATION

Howard C. Huang  
Laurence Eugene Mailaender  
Magnus Sandell  
Harish Viswanathan

CASE 17-8-15-15

Serial No. 09/938453 Group Art Unit 2637

Filed August 24, 2001

Examiner E. M. Chang

Title Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive System

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450


SIR:

Enclosed is an amendment in the above-identified application.

NO ADDITIONAL FEE REQUIRED

In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit Deposit Account No. 12-2325 as required to correct the error.

Respectfully,

  
Eugene J. Rosenthal, Attorney  
Reg. No. 36658  
732-949-1857.

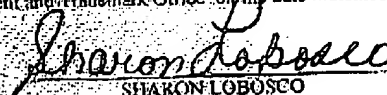
Date:

4/18/05  
Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawford Corner Road  
Holmdel, NJ 07733-3030

Certification of Facsimile Transmission

I hereby certify that this correspondence (and any paper referred to as being transmitted therewith) is being facsimile transmitted to the United States Patent and Trademark Office on the date indicated below:

April 18, 2005

  
SHARON LOBOSCO

Serial No. 09/938,453

**RECEIVED  
CENTRAL FAX CENTER****APR 18 2005****IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE****Patent Application****Inventor(s):** H. C. Huang  
L. E. Mailaender  
M. Sandell  
H. Viswanatha**Case:** 17-8-15-15**Serial No.:** 09/938,453**Group Art Unit:** 2637**Filed:** August 24, 2001**Examiner:** E. M. Chang**Title:** Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive  
System**COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450  
SIR:****AMENDMENT**

In response to the Office Action dated December 17, 2004, please amend the  
above-identified application as follows: